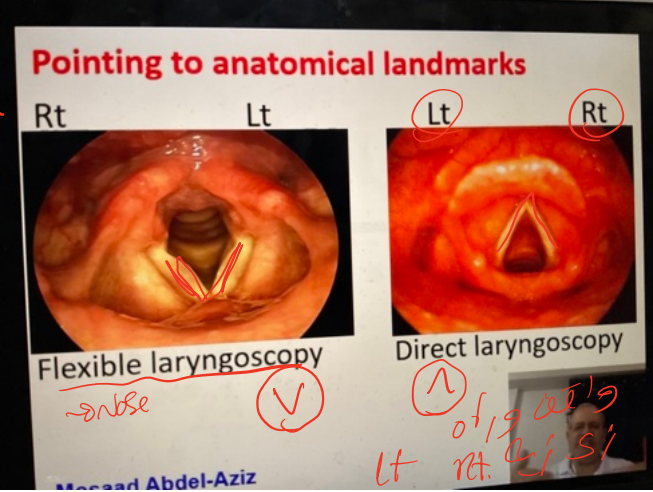
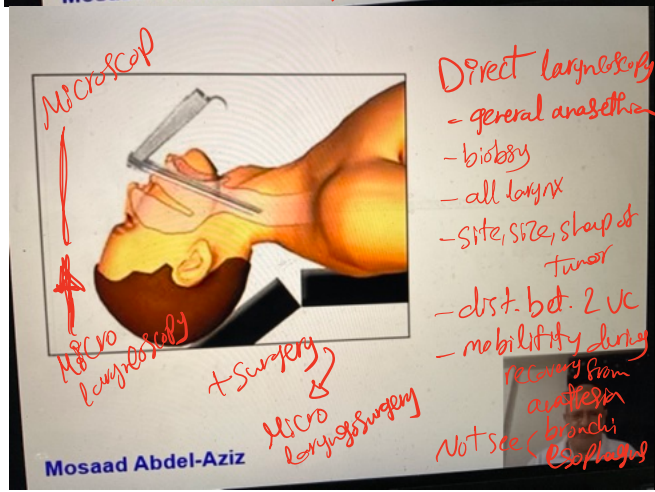
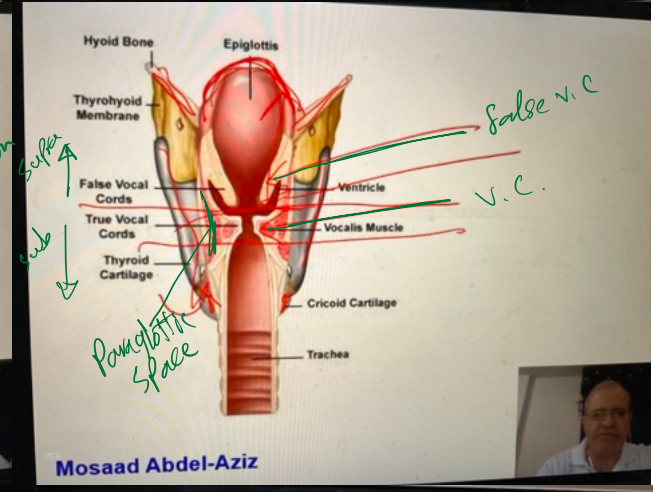
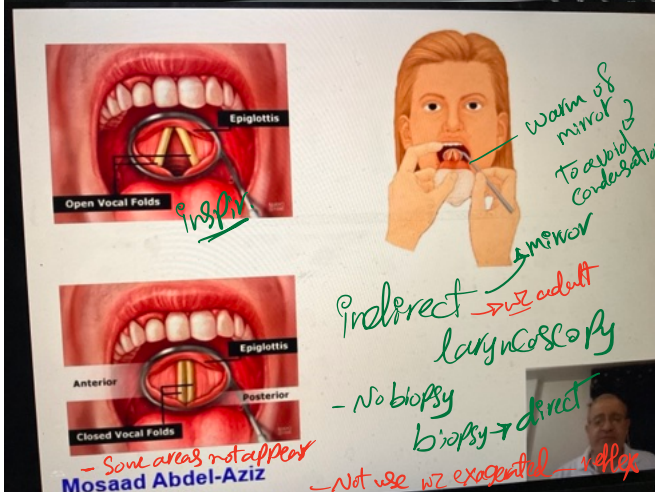
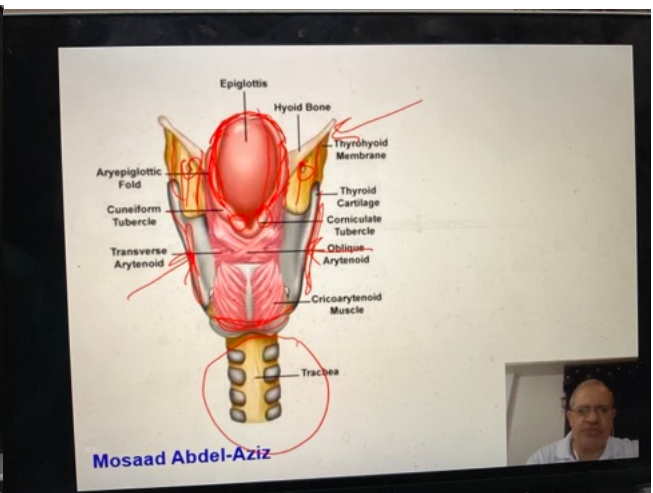
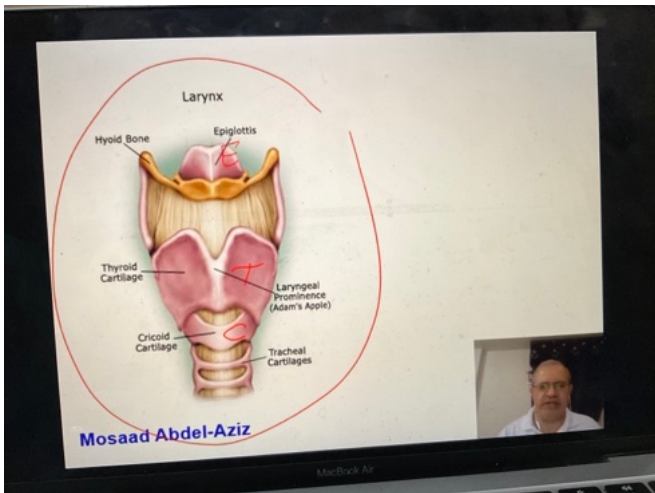
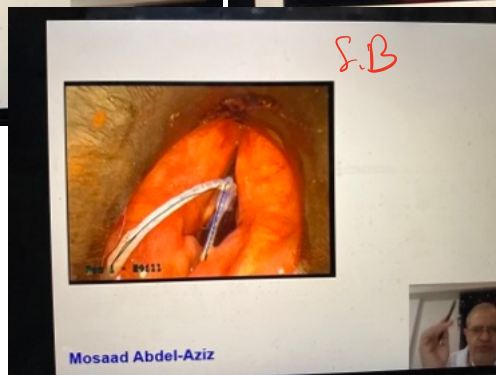
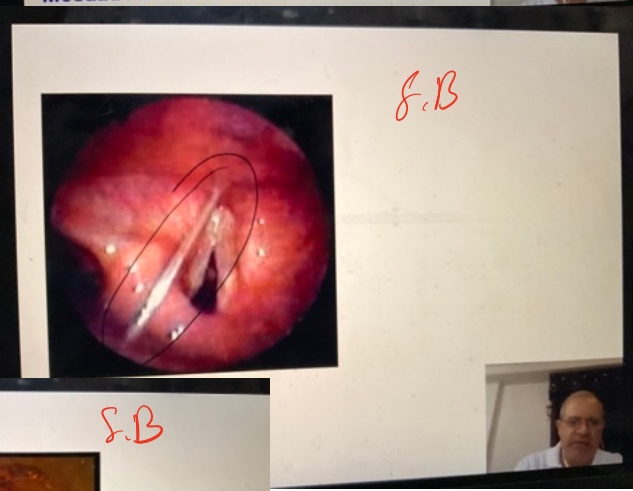
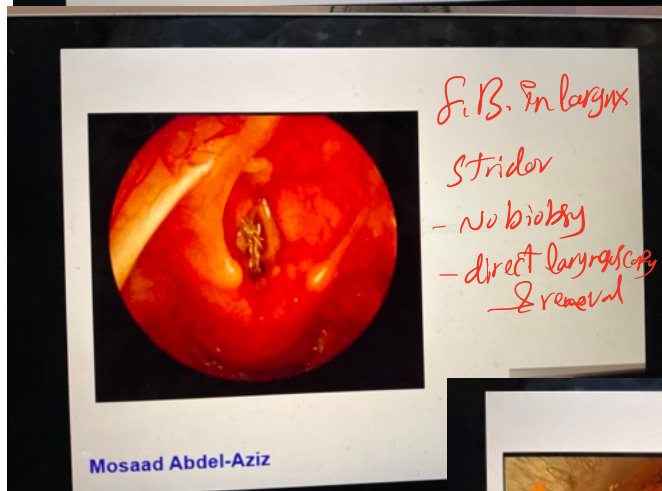
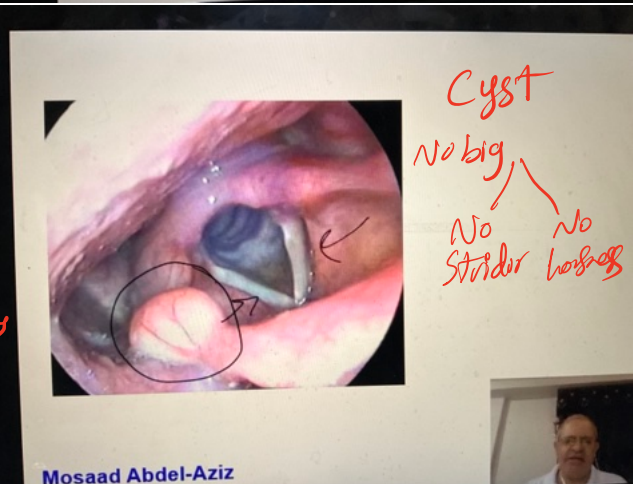
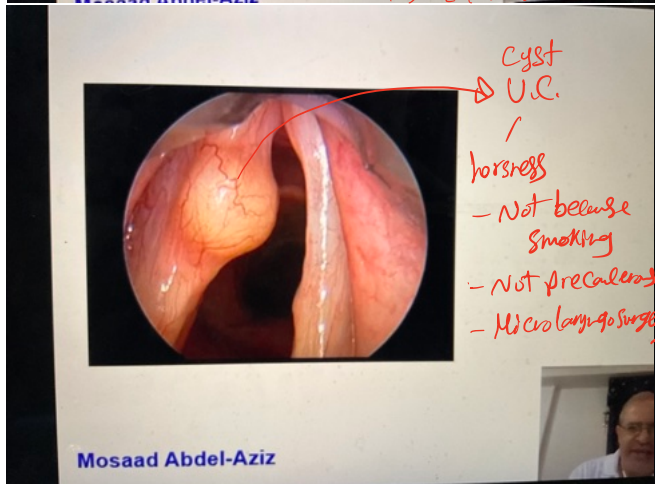
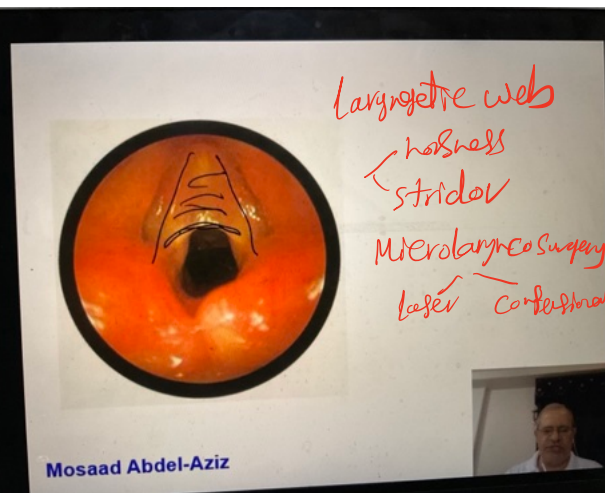
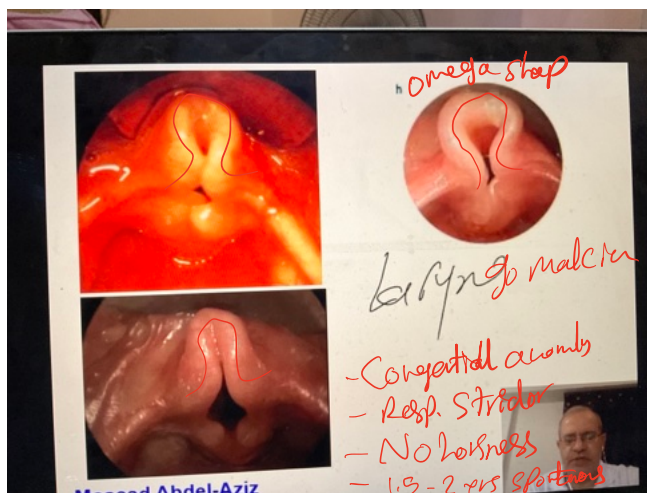
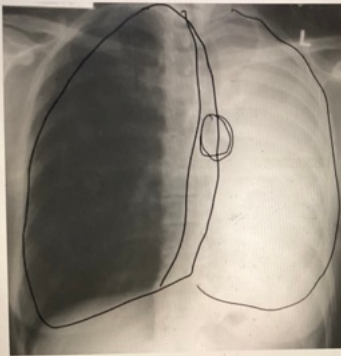










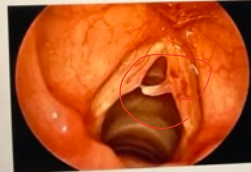
Collapse lung
S.B. inhalat.
- bronchoscopy

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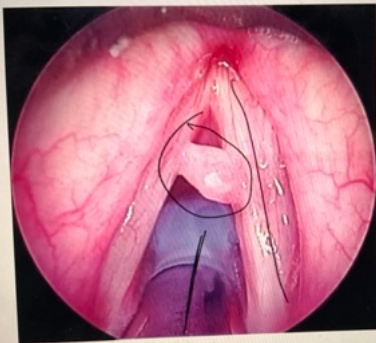
V.C Polyp or nodule

- Abuse of voice
- Not preneoplastic
- hoarseness Not stridor
- Micro laryngosurgery



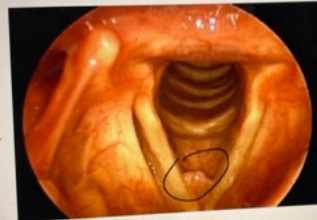
laser Tradit.
Voice therapy
to prevent recurrence

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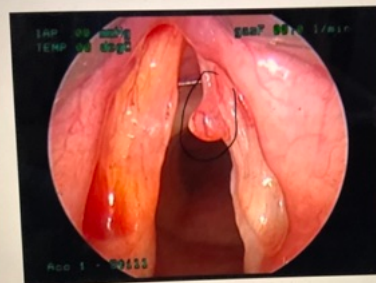
Polyp

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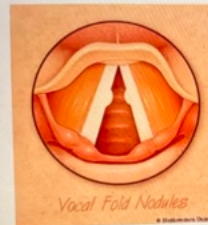
Polyp
Unilateral only

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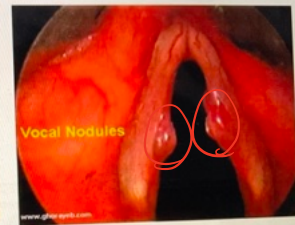


V.C. Polyp
unilateral

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Teacher
Singer node
Schumer Jleb / n / So



Teacher
36 yrs
hoarseness without
infect medical Hx

GERD & Abuse of voice

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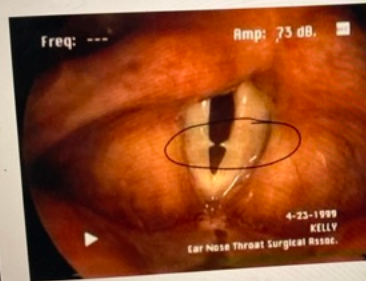
Not Smoking
a cause

Not preneoplastic
Hoarseness Not
Stridor

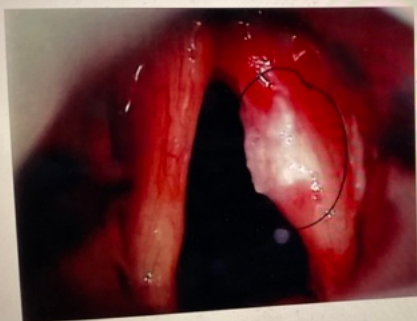


Singer's node

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Singer's node



Intact
Basaloid
mass

hyper
keratosis

Atrophy Hyperplasia

Leukoplakia

- Smoking Cause
- Chronic irritat.
- GERD
- Pre-cancerous
- regular follow up



Leukoplakia
Pre-cancerous
Ulcer P/B



Reinke's
edema

- Chronic irritat.
- Absent voice
- Smoking

Horseness
No stridor

Not biopsy

- Direct laryngoscopy
- remove extra mucosa of V.C. → V. therapy to preserve voice



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unilateral Intubation granuloma

Anterior
intubation → granuloma

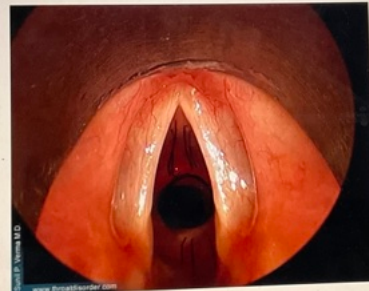
Horseness
if large → stridor
Very large → surgery





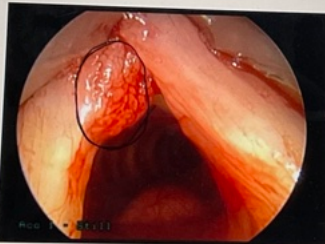
Subglottic stenosis
 - Congenital → incomplete recanaliz.
 - Traumatic (Prolonged Cough)
 - Inflamm. (Rhinitis, Sinusitis, Stenosis)
 - Subglottic

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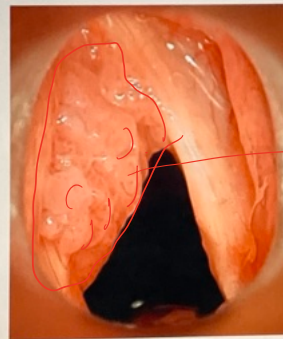
Subglottic stenosis
 biphasic stridor

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Cancer larynx
 - hoarseness
 - not stridor yet
 - No L.N. metastasis
 - glottic No lymphatic drainage
 Direct laryngoscopy
 & biopsy
 - Smoking
 T₁ →

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Papilloma
 Single papilloma of adult

→ warty
 → turn malignant
 5%
 Direct laryngoscopy
 & biopsy

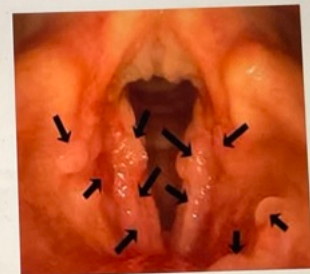
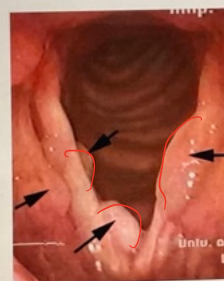
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Micro laryngosurgery
 & remove



Cancer larynx
 in glottic area
 Hoarseness
 No stridor
 - No spread to L.N.
 Sq. cell carcinoma 98%
 Direct laryngoscopy
 & biopsy
 Cordectomy

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Multiple Juvenile papillomatosis

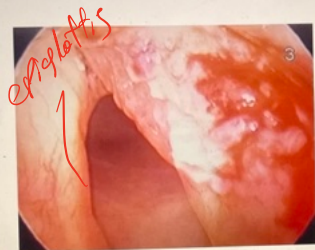
- HPV
 - recurrent
 - never turn malignant

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Cancer larynx

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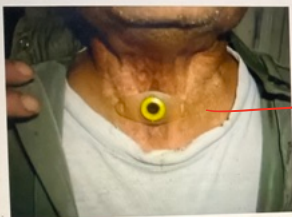
Supraglottic
cancer

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thyroidectomy
↓
hoarseness of voice
V.C. Paralysis
unilateral
Weak voice

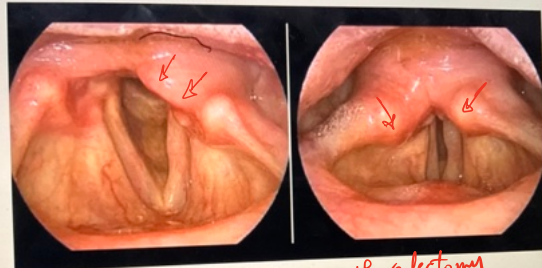
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Tracheostomy
→ after total laryngectomy



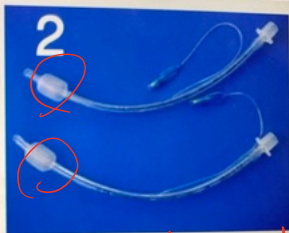
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hoarseness
uni

thyroidectomy
↓
stridor
bilateral

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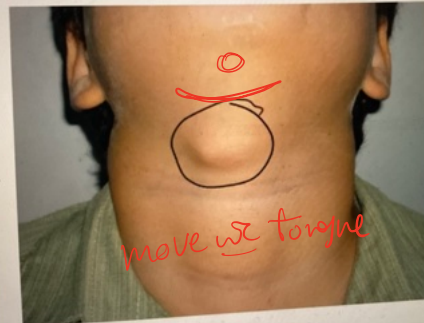


Tracheostomy
tube

endotracheal
tube

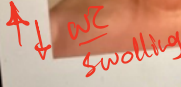
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thyroglossal cyst
No preCaus
not in Adam
→ congenital



move w/ tongue

not w/ congenital fistula
sis trunk operat.



- thyroid swelling
- hoarseness of voice
- dysphagia
- more common in female
- injury RLN.



Parotid swelling)
Polymorphic adenoma
(Mixed Salivary tumor)
Facial N. injury
Not Malignant